

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/587,123
Source: IFWP
Date Processed by STIC: 08/03/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 08/03/2006

PATENT APPLICATION: US/10/587,123

TIME: 09:40:27

Input Set : A:\50026.061001.ST25.txt

Output Set: N:\CRF4\08032006\J587123.raw

```

3 <110> APPLICANT: INOUE, Makoto
4     BAN, Hiroshi
5     IIDA, Akihiro
6     HASEGAWA, Mamoru
8 <120> TITLE OF INVENTION: Method For Producing Viral Vectors
10 <130> FILE REFERENCE: 50026/061001
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/587,123
C--> 12 <141> CURRENT FILING DATE: 2006-07-24
12 <150> PRIOR APPLICATION NUMBER: PCT/JP2005/000708
13 <151> PRIOR FILING DATE: 2005-01-20
15 <150> PRIOR APPLICATION NUMBER: JP 2004-014654
16 <151> PRIOR FILING DATE: 2004-01-22
18 <160> NUMBER OF SEQ ID NOS: 54
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 6
24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial
27 <220> FEATURE:
28 <223> OTHER INFORMATION: an example of protease cleavage sequence
30 <400> SEQUENCE: 1
32 Pro Leu Gly Met Thr Ser
33 1      5
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 6
38 <212> TYPE: PRT
39 <213> ORGANISM: Artificial
41 <220> FEATURE:
42 <223> OTHER INFORMATION: an example of protease cleavage sequence
44 <400> SEQUENCE: 2
46 Pro Gln Gly Met Thr Ser
47 1      5
50 <210> SEQ ID NO: 3
51 <211> LENGTH: 7
52 <212> TYPE: PRT
53 <213> ORGANISM: Artificial
55 <220> FEATURE:
56 <223> OTHER INFORMATION: an example of protease cleavage sequence
58 <400> SEQUENCE: 3
60 Pro Leu Gly Leu Trp Ala Arg
61 1      5
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 8

```

RAW SEQUENCE LISTING

DATE: 08/03/2006

PATENT APPLICATION: US/10/587,123

TIME: 09:40:27

Input Set : A:\50026.061001.ST25.txt

Output Set: N:\CRF4\08032006\J587123.raw

```

66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial
69 <220> FEATURE:
70 <223> OTHER INFORMATION: an example of protease cleavage sequence
72 <400> SEQUENCE: 4
74 Gly Pro Leu Gly Met Arg Gly Leu
75 1          5
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 7
80 <212> TYPE: PRT
81 <213> ORGANISM: Artificial
83 <220> FEATURE:
84 <223> OTHER INFORMATION: an example of protease cleavage sequence
86 <400> SEQUENCE: 5
88 Pro Gln Gly Leu Glu Ala Lys
89 1          5
92 <210> SEQ ID NO: 6
93 <211> LENGTH: 11
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial
97 <220> FEATURE:
98 <223> OTHER INFORMATION: an example of protease cleavage sequence
100 <400> SEQUENCE: 6
102 Arg Pro Lys Pro Val Glu Trp Arg Glu Ala Lys
103 1          5          10
106 <210> SEQ ID NO: 7
107 <211> LENGTH: 7
108 <212> TYPE: PRT
109 <213> ORGANISM: Artificial
111 <220> FEATURE:
112 <223> OTHER INFORMATION: PLALWAR
114 <400> SEQUENCE: 7
116 Pro Leu Ala Leu Trp Ala Arg
117 1          5
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 6
122 <212> TYPE: PRT
123 <213> ORGANISM: Artificial
125 <220> FEATURE:
126 <223> OTHER INFORMATION: an example of protease cleavage sequence
128 <400> SEQUENCE: 8
130 Pro Leu Gly Met Trp Ser
131 1          5
134 <210> SEQ ID NO: 9
135 <211> LENGTH: 5
136 <212> TYPE: PRT
137 <213> ORGANISM: Artificial
139 <220> FEATURE:
140 <223> OTHER INFORMATION: an example of protease cleavage sequence

```

RAW SEQUENCE LISTING

DATE: 08/03/2006

PATENT APPLICATION: US/10/587,123

TIME: 09:40:27

Input Set : A:\50026.061001.ST25.txt

Output Set: N:\CRF4\08032006\J587123.raw

142 <400> SEQUENCE: 9
144 Pro Leu Gly Leu Gly
145 1 5
148 <210> SEQ ID NO: 10
149 <211> LENGTH: 6
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial
153 <220> FEATURE:
154 <223> OTHER INFORMATION: an example of protease cleavage sequence
156 <400> SEQUENCE: 10
158 Val Phe Ser Ile Pro Leu
159 1 5
162 <210> SEQ ID NO: 11
163 <211> LENGTH: 5
164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial
167 <220> FEATURE:
168 <223> OTHER INFORMATION: an example of protease cleavage sequence
170 <400> SEQUENCE: 11
172 Ile Lys Tyr His Ser
173 1 5
176 <210> SEQ ID NO: 12
177 <211> LENGTH: 8
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial
181 <220> FEATURE:
182 <223> OTHER INFORMATION: an example of protease cleavage sequence
184 <400> SEQUENCE: 12
186 Val Pro Met Ser Met Arg Gly Gly
187 1 5
190 <210> SEQ ID NO: 13
191 <211> LENGTH: 8
192 <212> TYPE: PRT
193 <213> ORGANISM: Artificial
195 <220> FEATURE:
196 <223> OTHER INFORMATION: an example of protease cleavage sequence
198 <400> SEQUENCE: 13
200 Arg Pro Phe Ser Met Ile Met Gly
201 1 5
204 <210> SEQ ID NO: 14
205 <211> LENGTH: 8
206 <212> TYPE: PRT
207 <213> ORGANISM: Artificial
209 <220> FEATURE:
210 <223> OTHER INFORMATION: an example of protease cleavage sequence
212 <400> SEQUENCE: 14
214 Val Pro Leu Ser Leu Thr Met Gly
215 1 5
218 <210> SEQ ID NO: 15

RAW SEQUENCE LISTING

DATE: 08/03/2006

PATENT APPLICATION: US/10/587,123

TIME: 09:40:27

Input Set : A:\50026.061001.ST25.txt

Output Set: N:\CRF4\08032006\J587123.raw

```

219 <211> LENGTH: 8
220 <212> TYPE: PRT
221 <213> ORGANISM: Artificial
223 <220> FEATURE:
224 <223> OTHER INFORMATION: an example of protease cleavage sequence
226 <400> SEQUENCE: 15
228 Ile Pro Glu Ser Leu Arg Ala Gly
229 1          5
232 <210> SEQ ID NO: 16
233 <211> LENGTH: 7
234 <212> TYPE: PRT
235 <213> ORGANISM: Artificial
237 <220> FEATURE:
238 <223> OTHER INFORMATION: an example of protease cleavage sequence
240 <400> SEQUENCE: 16
242 Pro Leu Ala Tyr Trp Ala Arg
243 1          5
246 <210> SEQ ID NO: 17
247 <211> LENGTH: 367
248 <212> TYPE: DNA
249 <213> ORGANISM: Cytomegalovirus
251 <400> SEQUENCE: 17
252 actagttatt aatagtaatc aattacgggg tcattagttc atagcccata tatggagttc      60
254 cgcgttacat aacttacggt aaatggcccg cctggctgac cgcccaacga cccccgcca      120
256 ttgacgtcaa taatgacgta tgttcccata gtaacgcaa tagggacttt ccattgacgt      180
258 caatgggtgg agtatttacg gtaaactgcc cacttggcag tacatcaagt gtatcatatg      240
260 ccaagtacgc cccctattga cgtcaatgac ggtaaattgg ccgcctggca ttatgccag      300
262 tacatgacct tatgggactt tcctacttgg cagtacatct acgtattagt catcgctatt      360
264 accatgg
267 <210> SEQ ID NO: 18
268 <211> LENGTH: 1248
269 <212> TYPE: DNA
270 <213> ORGANISM: Gallus gallus
272 <400> SEQUENCE: 18
273 tcgaggtgag cccacgttc tgcttcactc tccccatctc cccccctcc ccacccccaa      60
275 ttttgtattdt atttattdtdt taattattdtdt gtgcagcgat gggggcgggg gggggggggg      120
277 ggcgcgcgcc aggcggggcg gggcgggcg agggcgggg cgggcgagg cggagaggtg      180
279 cggcggcagc caatcagagc ggcgcgctcc gaaagttdtc ttttatggcg aggcggcggc      240
281 ggcggcgggc ctataaaaag cgaagcgcgc ggcggcggg gagtcgctgc gacgctgcct      300
283 tcgccccgtg ccccgctccg ccgcgcctc gcgcgcggcg ccccggtct gactgaccgc      360
285 gttactccca caggtgagcg ggcgggacgg cccttctcct ccgggctgta attagcgctt      420
287 ggtttaatga cggcttgtdt ctttctgtg gctgcgtgaa agccttgagg ggctccggga      480
289 gggcccttdt tgcgggggga gcggctcggg ggggtgcgtgc gtgtgtgtgt gcgtggggag      540
291 cgccgcgtgc ggctccgcgc tgcccggcgg ctgtgagcgc tcggggcgcg gcgcggggct      600
293 ttgtgcgctc cgcagtgctc gcgaggggag cgcggccggg ggcggtgccc cgcggtgcgg      660
295 ggggggctgc gaggggaaca aaggctgcgt gcggggtgtg tgcgtggggg ggtgagcagg      720
297 ggggtgtggc gcgtcggtcg ggctgcaacc cccctgcac cccctcccc gagttgctga      780
299 gcacggcccg gcttcgggtg cggggctccg tacggggcgt ggcgcggggc tcgccgtgcc      840
301 gggcgggggg tggcggcagg tgggggtgcc gggcgggggc gggccgcctc gggccgggga      900

```

RAW SEQUENCE LISTING

DATE: 08/03/2006

PATENT APPLICATION: US/10/587,123

TIME: 09:40:27

Input Set : A:\50026.061001.ST25.txt

Output Set: N:\CRF4\08032006\J587123.raw

```

303 gggctcgggg gaggggagcg gcgggccccc gagcgccggc ggctgtcgag gcgcggcgag      960
305 ccgcagccat tgccttttat ggtaatcgtg cgagagggcg cagggacttc ctttgtccca      1020
307 aatctgtgcg gagccgaaat ctgggaggcg ccgccgcacc ccctctagcg ggcgcggggc      1080
309 gaagcgggtgc ggcgccggca ggaaggaaat gggcggggag ggccctcgtg cgtcgccgcg      1140
311 ccgcggtccc cttctccctc tccagcctcg gggctgtccg cggggggagc gctgccttcg      1200
313 ggggggagcg ggcagggcgg ggttcggctt ctggcgtgtg accggcgg      1248
316 <210> SEQ ID NO: 19
317 <211> LENGTH: 95
318 <212> TYPE: DNA
319 <213> ORGANISM: Oryctolagus cuniculus
321 <400> SEQUENCE: 19
322 cctctgctaa ccatgttcat gccttcttct ttttctaca gctcctgggc aacgtgctgg      60
324 ttattgtgct gtctcatcat tttggcaaag aattc      95
327 <210> SEQ ID NO: 20
328 <211> LENGTH: 1744
329 <212> TYPE: DNA
330 <213> ORGANISM: Artificial
332 <220> FEATURE:
333 <223> OTHER INFORMATION: an example of CA promoter
335 <400> SEQUENCE: 20
336 actagttatt aatagtaatc aattacgggg tcattagttc atagcccata tatggagttc      60
338 cgcgttacat aacttacggt aaatggcccg cctggctgac cgcccaacga cccccgcca      120
340 ttgacgtcaa taatgacgta tgttcccata gtaacgcaa tagggacttt ccattgacgt      180
342 caatgggtgg agtattttac gtaaaactgcc cacttggcag tacatcaagt gtatcatatg      240
344 ccaagtacgc cccctattga cgtcaatgac ggtaaattgg ccgcctggca ttatgccag      300
346 tacatgacct tatgggactt tcctacttgg cagtacatct acgtattagt catcgctatt      360
348 accatggtcg aggtgagccc cacgttctgc ttcactctcc ccactctccc cccctcccca      420
350 cccccaattt tgtattttatt tattttttaa ttattttgtg cagcgatggg ggcggggggg      480
352 gggggggggg gcgcgccagg cggggcgggg cggggcgagg ggcggggcgg ggcgaggcgg      540
354 agaggtgctg cggcagccaa tcagagcggc gcgctccgaa agtttccttt tatggcgagg      600
356 cggcgggcgg gcgggcccta taaaaagcga agcgcgcggc gggcggggag tcgctgcgac      660
358 gctgccttcg ccccggtgcc cgctccggcg ccgcctcgcg ccgcccggcc cggtctgac      720
360 tgaccgcgtt actccacag gtgagcgggc gggacggccc ttctcctccg ggctgtaatt      780
362 agcgcttggt ttaatgacgg cttgtttctt ttctgtggct gcgtgaaagc cttgaggggc      840
364 tccgggaggg ccctttgtgc ggggggagcg gctcgggggg tgcgtgcgtg tgtgtgtgcg      900
366 tggggagcgc cgcgtgcggc tccgcgctgc ccggcggtg tgagcgtgc gggcgcgcg      960
368 cggggctttg tgcgtccgc agtgtgcgc aggggagcgc ggccgggggc ggtgccccgc      1020
370 ggtgcggggg gggctgcgag gggaacaaag gctgcgtgcg ggggtgtgtg gtgggggggt      1080
372 gagcaggggg tgtgggcgcg tcggtcgggc tgcaaccccc cctgcacccc cctccccgag      1140
374 ttgctgagca cggcccggtc tcgggtgcgg ggctccgtac ggggcgtggc gcggggctcg      1200
376 ccgtgcgggg cggggggtgg cggcaggtgg gggtgccggg cggggcgggg ccgcctcggg      1260
378 ccggggaggg ctcgggggag gggcgcgggc gccccggag cgccggcggc tgtcgaggcg      1320
380 cggcgagccg cagccattgc cttttatggt aatcgtgcga gagggcgag ggacttcct      1380
382 tgtcccaaat ctgtgcggag ccgaaatctg ggaggcgccg ccgcaccccc tctagcgggc      1440
384 gcggggcgaa gcggtgcggc gccggcagga aggaaatggg cggggagggc cttcgtgcgt      1500
386 cgccgcgcg ccgtcccctt ctccctctcc agcctcgggg ctgtccgcgg ggggacggct      1560
388 gccttcgggg gggacggggc agggcggggt tcggcttctg gcgtgtgacc ggcggtcta      1620
390 gagcctctgc taaccatgtt catgccttct tctttttcct acagctcctg ggcaacgtgc      1680
392 tggttattgt gctgtctcat ctttttgga agaattcgg cttgatcgaa gcttgccac      1740

```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/03/2006
PATENT APPLICATION: US/10/587,123 TIME: 09:40:28

Input Set : A:\50026.061001.ST25.txt
Output Set: N:\CRF4\08032006\J587123.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,20,23,24,25,26,27,28,29,30,31,32
Seq#:33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/587,123

DATE: 08/03/2006

TIME: 09:40:28

Input Set : A:\50026.061001.ST25.txt

Output Set: N:\CRF4\08032006\J587123.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date